

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	23	("4605826" "4626894" "4750156" "4884230" "4947362" "5189415" "5274606" "5394141" "5436564" "5448531" "5473321" "5490121" "5555530" "5576703" "5780784" "5815496" "5841810" "5969638" "5978417" "6094623" "6208265" "6434247" "6657597").PN.	US-PGPUB; USPAT	OR	ON	2007/01/22 19:33
L2	5	1 and (electromagnetic\$4 same noise)	US-PGPUB; USPAT	OR	ON	2007/01/22 19:43
S1	0	((("9923205") or ("9923184") or ("9923185"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/01/18 14:47
S2	152017	RODNEY nea2 PAUL.in.	US-PGPUB; USPAT	OR	ON	2004/11/18 18:09
S3	45	RODNEY near3 PAUL.in.	US-PGPUB; USPAT	OR	ON	2004/11/18 18:09
S4	25	S3 and electromagnetic	US-PGPUB; USPAT	OR	ON	2004/11/18 18:26
S5	40	SMITH near3 HARRISON.in.	US-PGPUB; USPAT	OR	ON	2004/11/18 18:27
S6	21	S5 and electromagnetic	US-PGPUB; USPAT	OR	ON	2004/11/18 18:29
S7	49	((directional with sensor) same electromagnetic) and borehole	US-PGPUB; USPAT	OR	ON	2004/11/18 18:30
S8	11	S7 and (noise with sensor)	US-PGPUB; USPAT	OR	ON	2004/11/18 18:32
S9	1	("6,657,597").PN.	US-PGPUB; USPAT	OR	OFF	2004/11/18 18:32
S10	116	(340/854.6).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/12/03 13:22
S11	17	S10 and (direction\$4 with sensor)	US-PGPUB; USPAT	OR	ON	2004/12/03 13:38
S12	10	(borehole or wellbore) and (electromagnetic with field) and (remove with noise) and (direction\$4 with sens\$4)	US-PGPUB; USPAT	OR	ON	2004/12/03 13:40
S13	1	("6,781,520").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/18 15:45
S14	1669	((340/853.1,856.4,854.6) or (702/85) or (367/83,43,38)).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/01/18 15:46
S15	363	S14 and electromagnetic\$4	US-PGPUB; USPAT	OR	ON	2007/01/18 15:46
S16	95	S15 and (noise with (reduc\$4 or remov\$4 or cancel\$4))	US-PGPUB; USPAT	OR	ON	2007/01/18 15:49

## EAST Search History

S17	65	S16 and (borehole or wellbore or downhole)	US-PGPUB; USPAT	OR	ON	2007/01/19 12:55
S18	1	("20040069514").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/18 15:54
S19	1	("5535976").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/19 13:03
S20	1	("6657597").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/19 14:16
S21	1	("4980682").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/19 14:16
S22	0	S21 and antenna	US-PGPUB; USPAT	OR	ON	2007/01/19 14:37
S23	0	S21 and (electric\$4 with field)	US-PGPUB; USPAT	OR	ON	2007/01/19 14:37
S24	0	S21 and cancel\$4	US-PGPUB; USPAT	OR	ON	2007/01/19 14:48